

PATENT

Attorney Docket No. 440446/PALL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BORMANN et al.

U.S. National Phase of International Application No. PCT/US99/22478

International Filing Date: September 29, 1999

For: BIOLOGICAL FLUID
FILTER AND
SYSTEM

SPECIFICATION, CLAIMS AND
ABSTRACT AS PRELIMINARILY AMENDED

Amendments to the paragraph beginning on page 1, line 2:

This application is a 35 U.S.C. 371 of PCT/US99/22478, filed September 29, 1999.
This application claims the benefit of U.S. provisional patent application 60/102,973, filed
October 2, 1998, which is incorporated by reference. ~~This application claims the benefit of~~
~~U.S. provisional patent application 60/102,973, filed October 2, 1998, which is incorporated~~
~~by reference.~~

Amendments to existing claims:

4. The device of ~~any of the preceding claims~~ claim 1, wherein the first filter element comprises melt-blown fibers.
5. The device of ~~any of the preceding claims~~ claim 1, wherein the first filter element comprises at least two layers.
6. The device of ~~any of the preceding claims~~ claim 1, wherein the first filter element has a CWST of at least about 90 dynes/cm.

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7. The device of ~~any of the preceding claims~~ claim 1, wherein the filter includes no more than one membrane.

8. The device of ~~any of the preceding claims~~ claim 1, wherein the filter is arranged to substantially prevent the passage of red blood cells therethrough.

9. A system for processing a biological fluid comprising:

the device of ~~any of claims 1-8~~ claim 1;

at least a first container and a second container, the first and second containers being suitable for use with biological fluid, wherein the device is interposed between the first and second containers.

13. The method of ~~any of the preceding claims~~ claim 1 wherein the leukocyte-containing plasma-rich fluid comprises a leukocyte- and platelet-depleted biological fluid.